



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D3651-11**  
**Job Sheet 202477**



**Part No:** D3651-11

**Job Qty:** 4 pcs

**Part Name:** Gasket



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 10/29/19

**Job Tracking No:**

**Due Date:** 11/27/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:**

**Note:** DWG REV B IPP Rev:A New Issue 07-09-27 DD verified by: EC IPP Rev:B ECN 1113P 08-01-22 DD IPP  
Rev:C ecn1162 08-04-02 DD verified by: ec

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation           | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|---------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                     |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 100   | Waterjet - Flow - 1 | 4 pcs | 11/27/19   | 11/27/19 | 0.17      | 1.19    | Waterjet - Flow       |           | JRB 11/6/19 |
| 110   | QC 2                | 4 pcs | 11/27/19   | 11/27/19 | 0.00      | 0.00    | QC 2 - 1              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 12             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 14             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 17             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 19             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 2              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 20             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 22             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 23             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 25             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 32             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 33             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 35             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 39             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 4              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 40             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 44             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 45             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 48             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 49             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 50             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 51             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 52             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 57             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 62             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 63             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 8              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 66             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 64             |           |             |

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com



**Container No:** S229516

**Part:** D3651-11

**Job No:** 202477

**Serial No/Batch:** S229516

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions:** Various STC's

**Date:** 11/06/19

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|                                 |       |          |           |                        |                            |
|---------------------------------|-------|----------|-----------|------------------------|----------------------------|
| 120 QC 8                        | 4 pcs | 11/27/19 | 0.00 0.00 | QC 2 - 65              |                            |
|                                 |       |          |           | QC 2 - 5               |                            |
|                                 |       |          |           | QC 2 - 71              |                            |
|                                 |       |          |           | QC 2 - 73              |                            |
|                                 |       |          |           | QC 2 - 69              | JRB 11/6/19                |
|                                 |       |          |           | QC 8 - 12              |                            |
|                                 |       |          |           | QC 8 - 14              |                            |
|                                 |       |          |           | QC 8 - 17              |                            |
|                                 |       |          |           | QC 8 - 20              |                            |
|                                 |       |          |           | QC 8 - 25              |                            |
|                                 |       |          |           | QC 8 - 3               |                            |
|                                 |       |          |           | QC 8 - 32              |                            |
|                                 |       |          |           | QC 8 - 33              |                            |
|                                 |       |          |           | QC 8 - 35              |                            |
|                                 |       |          |           | QC 8 - 39              |                            |
|                                 |       |          |           | QC 8 - 4               |                            |
|                                 |       |          |           | QC 8 - 44              |                            |
|                                 |       |          |           | QC 8 - 45              |                            |
|                                 |       |          |           | QC 8 - 49              |                            |
|                                 |       |          |           | QC 8 - 58              |                            |
|                                 |       |          |           | QC 8 - 8               |                            |
|                                 |       |          |           | QC 8 - 9               |                            |
|                                 |       |          |           | QC 8 - 68              |                            |
|                                 |       |          |           | QC 8 - 67              |                            |
|                                 |       |          |           | QC 8 - 1 (A)           |                            |
|                                 |       |          |           | QC 8 - 47              |                            |
|                                 |       |          |           | QC 8 - 40              | DAS 40<br>NOV 06 2019 9-89 |
|                                 |       |          |           | QC 8 - 52              |                            |
|                                 |       |          |           | QC 8 - 23              |                            |
|                                 |       |          |           | QC 8 - 57              |                            |
|                                 |       |          |           | QC 8 - 76              |                            |
|                                 |       |          |           | QC 8 - 61              |                            |
| 130 Packaging 3-1 - Stock - B4B | 4 pcs | 11/27/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 2 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 3 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 4 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 5 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 6 - B4B  | DAS 28<br>9-89             |
|                                 |       |          |           | Packaging 3 - 7 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 8 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 9 - B4B  |                            |
|                                 |       |          |           | Packaging 3 - 10 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 11 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 12 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 13 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 14 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 15 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 16 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 17 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 18 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 19 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 20 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 21 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 22 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 23 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 24 - B4B |                            |
|                                 |       |          |           | Packaging 3 - 25 - B4B | DAS 21<br>9-89             |
|                                 |       |          |           | Packaging 3 - 26 - B4B |                            |
| 140 QC 21 - SA                  | 4 pcs | 11/27/19 | 0.00 0.00 | QC 21 - SA - 21        | NOV 11 2019                |

|                                                                                                                                                                                                                                  |                       |                     |                         |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|-------------------------|------------------|
|                                                                                                                                                                                                                                  |                       | QC 21 - SA - 70     |                         |                  |
|                                                                                                                                                                                                                                  |                       | QC 21 - SA - 53     |                         |                  |
| Part Op 110 - (QC2- Inspect parts off machine FAI/FAIB)<br>Descriptions: 120 - (QC8- Inspect parts - second check)<br>130 - (Identify as per dwg & Stock Location: _____)<br>140 - (QC21- Final Inspection - Work Order Release) |                       |                     |                         |                  |
| <b>Job BOM</b>                                                                                                                                                                                                                   |                       |                     |                         |                  |
| <b>Part / Item</b>                                                                                                                                                                                                               | <b>Component Name</b> | <b>Quantity</b>     | <b>Operation</b>        | <b>Container</b> |
| D3245                                                                                                                                                                                                                            | Gasket                | 2.7440 sf (.686 ea) | 100-Waterjet - Flow - 1 | S152747          |
| <b>Job Allocations</b>                                                                                                                                                                                                           |                       |                     |                         |                  |
| <b>Operation</b>                                                                                                                                                                                                                 | <b>Component Part</b> | <b>Required</b>     | <b>Inventory</b>        | <b>Allocated</b> |
| 100-Waterjet - Flow - 1                                                                                                                                                                                                          | D3245                 | 3                   | 59                      | 0                |
| <b>Part Specifications</b>                                                                                                                                                                                                       |                       |                     |                         |                  |
| Specifications could not be found.                                                                                                                                                                                               |                       |                     |                         |                  |

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|                                     |  |                     |          |
|-------------------------------------|--|---------------------|----------|
| <b>DART AEROSPACE LTD</b>           |  | <b>Work Order:</b>  | 202477   |
| <b>Description: Gasket</b>          |  | <b>Part Number:</b> | D3651-11 |
| <b>Inspection Dwg: D3651 Rev: B</b> |  | <b>Page 1 of 1</b>  |          |

### FIRST ARTICLE INSPECTION CHECKLIST

☒ **First Article**
☐ **Prototype**

| Drawing Dimension | Tolerance     | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|---------------|------------------|--------|--------|----------------------|----------|
| Ø0.129            | +0.005/-0.001 | 0.130            |        |        | JRB-02V              |          |
| Ø0.250            | +0.005/-0.001 | 0.250            |        |        | JRB-01V              |          |
| 8.74              | +/-0.030      | 8.75             |        |        |                      |          |
| 11.62             | +/-0.030      | 11.62            |        |        |                      |          |
| 1.62              | +/-0.030      | 1.63             |        |        |                      |          |
| 1.41              | +/-0.030      | 1.41             |        |        |                      |          |
| 0.500             | +/-0.010      | 0.500            |        |        |                      |          |
| 0.600             | +/-0.010      | 0.600            |        |        |                      |          |
| 0.634             | +/-0.010      | 0.634            |        |        |                      |          |
| 2.564             | +/-0.010      | 2.564            |        |        |                      |          |
| 2.081             | +/-0.010      | 2.082            |        |        |                      |          |
| 3.731             | +/-0.010      | 3.732            |        |        |                      |          |
| 2.100             | +/-0.010      | 2.100            |        |        |                      |          |
| 9.706             | +/-0.010      | 9.704            |        |        |                      |          |
| 7.969             | +/-0.010      | 7.965            |        |        |                      |          |
| 6.96              | +/-0.030      | 6.97             |        |        |                      |          |
| 5.698             | +/-0.010      | 5.699            |        |        |                      |          |
| 3.698             | +/-0.010      | 3.699            |        |        |                      |          |
| 2.564             | +/-0.010      | 2.561            |        |        |                      |          |
| 2.020             | +/-0.010      | 2.022            |        |        |                      |          |
| 3.284             | +/-0.010      | 3.285            |        |        |                      |          |
| 2.200             | +/-0.010      | 2.200            |        |        |                      |          |
| 2.750             | +/-0.010      | 2.752            |        |        |                      |          |
| 9.521             | +/-0.010      | 9.521            |        |        |                      |          |
| 10.22             | +/-0.030      | 10.22            |        |        |                      |          |
| 1.373             | +/-0.010      | 1.374            |        |        |                      |          |
| 1.62              | +/-0.030      | 1.65             |        |        |                      |          |
| 3.564             | +/-0.010      | 3.563            |        |        |                      |          |
| 4.236             | +/-0.010      | 4.237            |        |        |                      |          |
| 5.636             | +/-0.010      | 5.636            |        |        |                      |          |
| 7.049             | +/-0.010      | 7.050            |        |        |                      |          |

|                     |             |                    |                   |                            |     |
|---------------------|-------------|--------------------|-------------------|----------------------------|-----|
| <b>Measured by:</b> | JRB         | <b>Audited by:</b> | 4                 | <b>Prototype Approval:</b> | N/A |
| <b>Date:</b>        | 11/6/19     | <b>Date:</b>       | 11/11/19          | <b>Date:</b>               | N/A |
| <b>Rev</b>          | <b>Date</b> | <b>Change</b>      | <b>Revised by</b> | <b>Approved</b>            |     |
| A                   | 08.04.17    | New Issue          | KJ/DD             |                            |     |

Entered: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐



| DISPOSITION                                    |                                                                                                         | DEPARTMENT/PROCESS                                       |                                             |                                              |                                      |                        |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------|----------------------------------------------|--------------------------------------|------------------------|
| Job: _____                                     | Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | Skid-tube <input type="checkbox"/>                       | Cross tube <input type="checkbox"/>         | Eng. (Non-AW) <input type="checkbox"/>       | Engineering <input type="checkbox"/> |                        |
| Part No. _____                                 |                                                                                                         | Machining <input type="checkbox"/>                       | Small Fab <input type="checkbox"/>          | Prod. Eng. Coord. <input type="checkbox"/>   | Water Jet <input type="checkbox"/>   |                        |
| Date: _____                                    | Sequence #: _____                                                                                       | QTY Affected: _____                                      |                                             | Rec/Store/Packaging <input type="checkbox"/> | Supplier <input type="checkbox"/>    |                        |
| Description Work Order Deviation               |                                                                                                         | Disposition                                              |                                             | MRB (QS1042) <input type="checkbox"/>        |                                      |                        |
|                                                |                                                                                                         |                                                          |                                             |                                              |                                      | Completed By           |
|                                                |                                                                                                         |                                                          |                                             |                                              |                                      | Lead hand / Supervisor |
|                                                |                                                                                                         |                                                          |                                             |                                              |                                      | QC / QA Coordinator    |
| <b>Root Cause</b>                              |                                                                                                         | <b>FAULT CATEGORY</b>                                    |                                             |                                              |                                      |                        |
| Operator <input type="checkbox"/>              |                                                                                                         | Contamination <input type="checkbox"/>                   | Power Loss/Surge <input type="checkbox"/>   | Positioned Wrong <input type="checkbox"/>    |                                      |                        |
| Manufacturing Process <input type="checkbox"/> |                                                                                                         | Misaligned/off center <input type="checkbox"/>           | Folio/Program <input type="checkbox"/>      | Outside Tolerance <input type="checkbox"/>   |                                      |                        |
| Equip/Tooling <input type="checkbox"/>         |                                                                                                         | BOM/Route <input type="checkbox"/>                       | Grain Direction <input type="checkbox"/>    | Drawing <input type="checkbox"/>             |                                      |                        |
| Handling/Preservation <input type="checkbox"/> |                                                                                                         | Broken/Damage/Defect <input type="checkbox"/>            | Weld <input type="checkbox"/>               | Finish <input type="checkbox"/>              |                                      |                        |
| Material <input type="checkbox"/>              |                                                                                                         | Incomplete/Unclear Instructions <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/>   |                                      |                        |
| Product Improvement <input type="checkbox"/>   |                                                                                                         | Drill Holes <input type="checkbox"/>                     | Out of Sequence <input type="checkbox"/>    | Misread <input type="checkbox"/>             |                                      |                        |
| Process Improvement <input type="checkbox"/>   |                                                                                                         | Fit/Function <input type="checkbox"/>                    | Off-set/Set-up <input type="checkbox"/>     |                                              |                                      |                        |
| Human Factors <input type="checkbox"/>         |                                                                                                         | Other/Details: _____                                     |                                             |                                              |                                      |                        |